

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DK2005/000299

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A23C9/12 A23C9/127 A23C9/152 A23C21/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA, BIOSIS, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/089592 A (KRAFT FOODS R & D INC ; KRAFT FOODS HOLDINGS INC (US)) 14 November 2002 (2002-11-14) cited in the application	1-18,22, 23,25,26
A	page 11, lines 19-26; claims 1,21; examples 12B,12C	19-21,24
X	US 3 930 028 A (ULLMANN AGNES ET AL) 30 December 1975 (1975-12-30) claims	1,4,7-9, 12-15,22
X	MIYAMOTO ET AL.: "Production of lactobionic acid from whey by Pseudomonas sp. LS13-1" BIOTECHNOLOGY LETTERS, vol. 22, 2000, pages 427-430, XP002350037	1-18,22, 23,25,26
A	the whole document	19,24
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

20 October 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MURAKAMI H ET AL: "Fermentative production of lactobionic acid by Burkholderia cepacia." JOURNAL OF APPLIED GLYCOSCIENCE, vol. 50, no. 2, 2003, pages 117-120, XP008036393 page 118 - page 119; figures 1,2	1-26
A	EP 0 384 534 A (COOPERATIEVE VERKOOP- EN PRODUCTIEVERENIGING VAN AARDAPPELMEEL EN DER) 29 August 1990 (1990-08-29) claims; example 3	1-26
A	WO 03/037093 A (NOVOZYMES AS) 8 May 2003 (2003-05-08) cited in the application page 4, line 26 - page 5, line 25	1-26
A	RAND A: "DIRECT ENZYMATIC CONVERSION OF LACTOSE TO ACID: GLUCOSE OXIDASE AND HEXOSE OXIDASE" JOURNAL OF FOOD SCIENCE, INSTITUTE OF FOOD TECHNOLOGISTS. CHICAGO, US, vol. 37, no. 5, 1972, pages 698-701, XP008000509 ISSN: 0022-1147 the whole document	1-26
A	WRIGHT D G ET AL: "DIRECT ENZYMATIC CONVERSION OF LACTOSE TO ACID: LACTOSE DEHYDROGENASE" JOURNAL OF FOOD SCIENCE, INSTITUTE OF FOOD TECHNOLOGISTS. CHICAGO, US, vol. 38, 1973, pages 1132-1135, XP008000518 ISSN: 0022-1147 page 1134	1-26
A	RAND A G ET AL: "DIRECT ENZYMATIC CONVERSION OF LACTOSE IN MILK TO ACID" 1 August 1975 (1975-08-01), JOURNAL OF DAIRY SCIENCE, AMERICAN DAIRY SCIENCE ASSOCIATION. CHAMPAIGN, ILLINOIS, US, PAGE(S) 1144-1150 , XP000644502 ISSN: 0022-0302 page 1145; figure 3	1-26
P, X	US 2004/151802 A1 (KOKA RAMARATHNA ET AL) 5 August 2004 (2004-08-05) paragraphs '0037!, '0111! - '0115!; claims 1,21	1-18,22, 23,25,26

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